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# POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	Boris Ravdel
Title	Lithium-ion Battery Electrolytes with Improved Thermal Stability
Group Art Unit	
Examiner Name	
Attorney Docket Number	D-187

I hereby appoint:

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 OR
☒ Practitioner(s) named below:

Name	Registration Number
John R. Doherty	19,748

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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☒ Firm or Individual Name

Attorney John R. Doherty

Address

P.O. Box 706

Address

City

Stevenson

State

CT

Zip

06491-0706

Country

USA

Telephone

(203) 459-8701

Fax

Same

I am the:

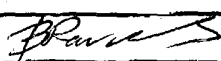
☒ Applicant/Inventor.
☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98).

## SIGNATURE of Applicant or Assignee of Record

Name

Boris Ravdel

Signature



Date

6/18/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 5 forms are submitted.

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PTO/SB/91 (02-01)

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# **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

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(203) 459-8701

Fax

Same

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98).

## **SIGNATURE of Applicant or Assignee of Record**

Name

Robert Gitzendanner

Signature

*Robert Gitzendanner*

Date

6/18/03

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**POWER OF ATTORNEY OR  
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First Named Inventor	Boris Ravdel
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Group Art Unit	
Examiner Name	
Attorney Docket Number	D-187

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☐ Practitioners at Customer Number

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Label here

<input checked="" type="checkbox"/> Firm or Individual Name	Attorney John R. Doherty				
Address	P.O. Box 706				
Address					
City	Stevenson	State	CT	Zip	06491-0706
Country	USA				
Telephone	(203) 459-8701	Fax	Same		

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/06).

**SIGNATURE of Applicant or Assignee of Record**

Name	Brett Lucht
Signature	<i>Brett Lucht</i>
Date	6/18/2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 5 forms are submitted.

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**POWER OF ATTORNEY OR  
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First Named Inventor	Boris Ravdel
Title	Lithium-ion Battery Electrolytes with Improved Thermal Stability
Group Art Unit	
Examiner Name	
Attorney Docket Number	D-187

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OR

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Name	Registration Number
John R. Doherty	19,748

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☐ Practitioners at Customer Number

OR

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Number Bar Code  
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<input checked="" type="checkbox"/> Firm or Individual Name	Attorney John R. Doherty				
Address	P.O. Box 706				
Address					
City	Stevenson	State	CT	Zip	06491-0706
Country	USA				
Telephone	(203) 459-8701	Fax	Same		

I am the:

☒ Applicant/Inventor.
☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
**SIGNATURE of Applicant or Assignee of Record**

Name	Kuzhikalail M. Abraham
Signature	<i>Kuzhikalail M. Abraham</i>
Date	6/18/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 5 forms are submitted.

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PTO/SB/81 (02-01)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	
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First Named Inventor	Boris Ravdel
Title	Lithium-ion Battery Electrolytes with Improved Thermal Stability
Group Art Unit	
Examiner Name	
Attorney Docket Number	D-187

I hereby appoint:

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Label here☒ Practitioner(s) named below:

Name	Registration Number
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OR

☒ Firm or  
Individual Name

Attorney John R. Doherty

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P.O. Box 706

Address

City

Stevenson

State

CT

Zip

06491-0706

Country

USA

Telephone

(203) 459-8701

Fax

Same

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98).**SIGNATURE of Applicant or Assignee of Record**

Name

JANICE T. DONOVAN

Signature

Janice T. Donovan

Date

6/18/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 5 forms are submitted.

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PTO/88/06 (04-03)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Boris Ravdel et al.

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: Lithium-ion Battery Electrolytes With Improved Thermal StabilityYardney Technical Products, a Inc. Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

In the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

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3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date

Telephone number

JANICE T. DONOVAN

Typed or printed name

Janice T. Donovan

Signature

Transducer

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/01 (03-01)

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> <b>(37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	D-187
	<b>First Named Inventor</b>	Boris Ravdel
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**LITHIUM-ION BATTERY ELECTROLYTES WITH IMPROVED THERMAL STABILITY**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) 

as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (If applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
None			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

XXXXXX  
Page 1-3

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PTO/SB-028 (2-27)

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## DECLARATION — Utility or Design Patent Application

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Name Attorney John R. Doherty			
Address P.O. Box 706			
City Monroe	State CT	ZIP 06491-0706	
Country USA	Telephone (203) 459-8701	Fax Same	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR :		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Boris		Family Name or Surname Ravdel	
Inventor's Signature 		Date 6/18/03	
Residence: City New London	State CT	Country USA	Citizenship USA
Mailing Address 11 Anthony Road, Apartment D			
City New London	State CT	ZIP 06320	Country
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Robert		Family Name or Surname Gitzendanner	
Inventor's Signature 		Date 6/18/03	
Residence: City Westerly	State RI	Country USA	Citizenship USA
Mailing Address 58 Narragansett Ave.			
City Westerly	State RI	ZIP USA	Country USA
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

PTO/SB/02A (05-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b>
	Supplemental Sheet <span style="float: right;">Page <u>3</u> of <u>3</u></span>

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Brett		Lucht	
Inventor's Signature <i>Brett Lucht</i>		Date <i>6/18/2003</i>	
Residence: City	Wakefield	State	RT
		Country	USA
Mailing Address 145 Legend Rock Road			
Mailing Address			
City	Wakefield	State	RI
		Zip	02879
		Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kuzhikalail M.		Abraham	
Inventor's Signature <i>Kuzhikalail M. Abraham</i>		Date: <i>6/18/03</i>	
Residence: City	Needham	State	MA
		Country	USA
Mailing Address 57 Colonial Road			
Mailing Address			
City	Needham	State	MA
		Zip	02492
		Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	

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